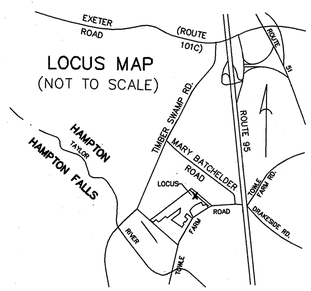
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 66 PAXTON

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET NAIL 8" HEMLOCK EL 50.0

#2 SET NAIL 24" HEMLOCK EL 51.52

#3

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 50.7
2. THERE IS/ARE APPROX 1.5 FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. (EL 52.2)

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

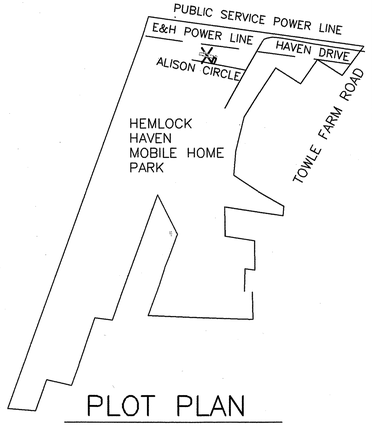
- 50 — EXISTING CONTOUR
- (50) — PROPOSED CONTOUR
- 50.0 — EXISTING SPOT ELEVATION
- (50.0) — PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:

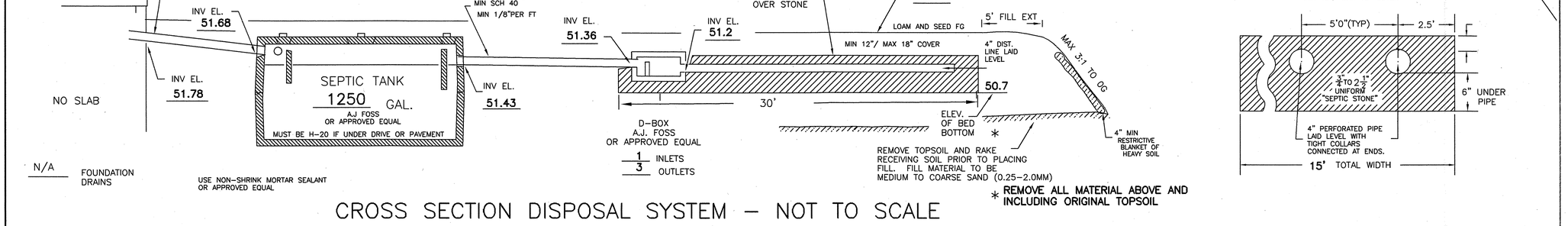
   TITLE INSURANCE SURVEY BY OTHERS

2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: #12569, #13391
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR WELL WITHIN 75' OF PROPOSED SYSTEM.
5. NO HYDRIC B SOILS WITHIN 50'OF PROPOSED SYSTEM.

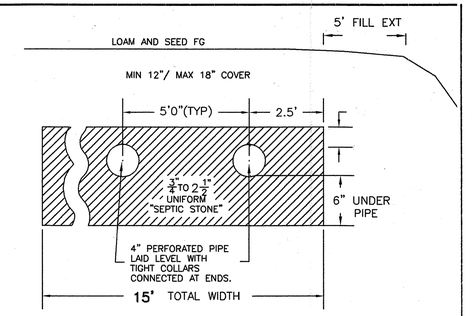


PLOT PLAN

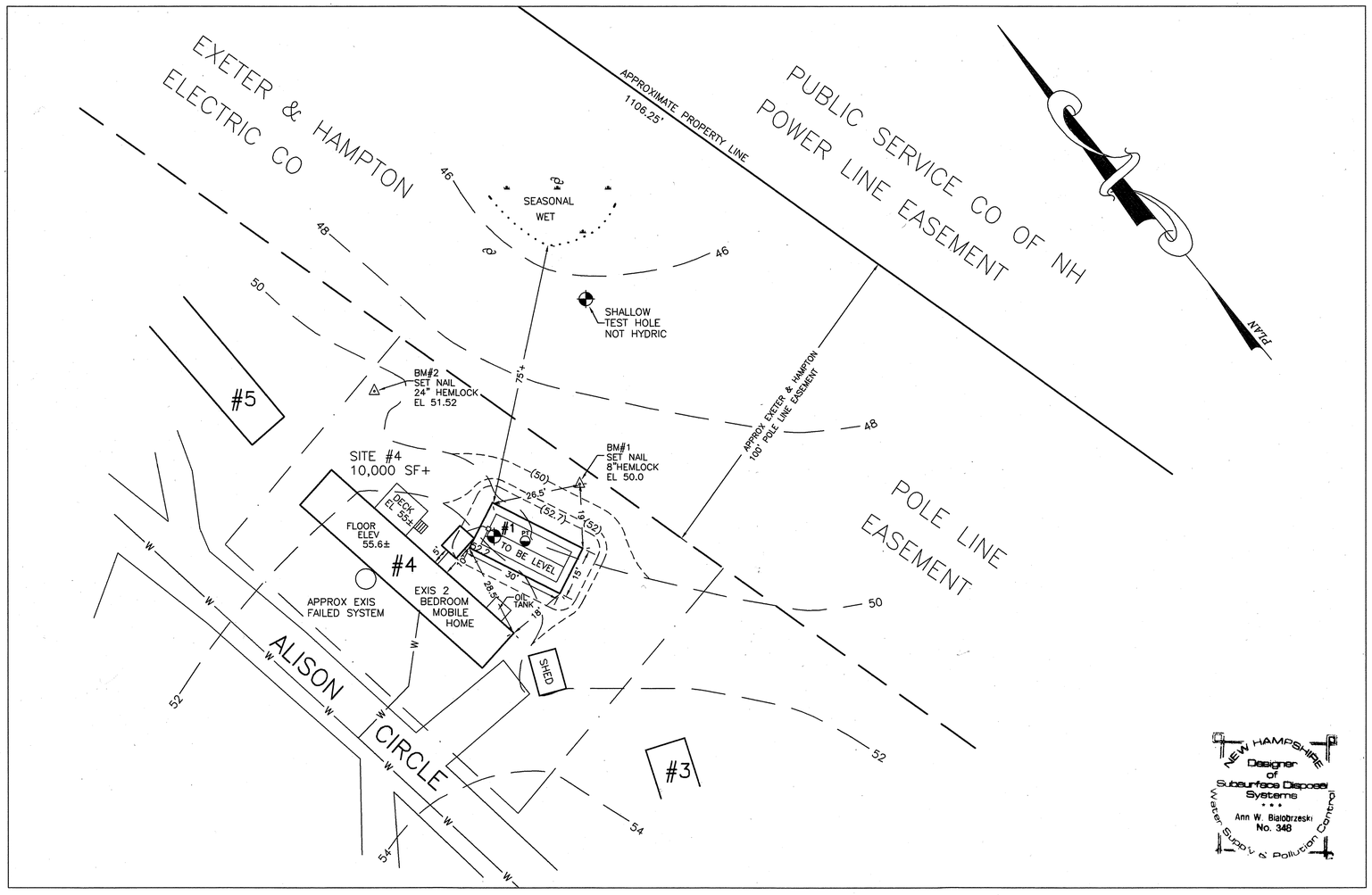
1"=APPROX 200'


EXIS FLOOR EL 55.6
4" SOLID PIPE MIN SCH 40 MIN SLOPE= 1/4"PER FT
INV EL. 51.68
INV EL. 51.78
NO SLAB
SEPTIC TANK
1250 GAL.
A.J FOSS OR APPROVED EQUAL
MUST BE H-20 IF UNDER DRIVE OR PAVEMENT
4" SOLID PIPE MIN SCH 40 MIN 1/8"PER FT
INV EL. 51.43
INV EL. 51.36
INV EL. 51.2
LAYER OF UNTREATED BUILDING PAPER OR 2"-3" HAY OVER STONE
FG EL. 52.7
LOAM AND SEED FG
5' FILL EXT
MIN 12"/ MAX 18" COVER
4" DIST. LINE LAID LEVEL
MAX 3:1 TO OG
50.7
30'
D-BOX A.J. FOSS OR APPROVED EQUAL
1/3 INLETS OUTLETS
ELEV. OF BED BOTTOM *
REMOVE TOPSOIL AND RAKE RECEIVING SOIL PRIOR TO PLACING FILL. FILL MATERIAL TO BE MEDIUM TO COARSE SAND (0.25–2.0MM)
4" MIN RESTRICTIVE BLANKET OF HEAVY SOIL
N/A
FOUNDATION DRAINS
USE NON–SHRINK MORTAR SEALANT OR APPROVED EQUAL
* REMOVE ALL MATERIAL ABOVE AND INCLUDING ORIGINAL TOPSOIL

CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE


5' FILL EXT
LOAM AND SEED FG
MIN 12"/ MAX 18" COVER
5'0"(TYP)
2.5'
3/4" TO 2 1/2" UNIFORM "SEPTIC STONE"
6" UNDER PIPE
4" PERFORATED PIPE LAID LEVEL WITH TIGHT COLLARS CONNECTED AT ENDS.
15' TOTAL WIDTH

PLAN : 1"=20'



NEW HAMPSHIRE Designer of Subsurface Disposal Systems • • • Ann W. Bialobrzeski No. 348 Water Supply & Pollution Control

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TP TEST PIT DATA

DATE: 9/10/04

TOWN INSPECTOR: N/A

TEST PIT #1 EL 51.8

0 – 5"	LOAM AND ROOT MAT
5 –20"	10YR4/6 GRAVEL FILL (25 YRS+)
20–22"	ORIGINAL TOPSOIL
22–43"	10YR4/6 TO 5/6 GRAVELLY FINE SANDY LOAM GRANULAR FRIABLE
43–72"	2.5Y5/4 GRAVELLY FINE SANDY LOAM, MASSIVE FRIABLE, MOTTLED

ESHWT @ 43", ROOTS TO 48"+
NO OBSERVED WATER, NO REFUSAL

PT PERC TEST DATA

DATE 9/10/04

PERC RATE: 2 MIN/IN DEPTH: 24"

DESIGN LOADING: EXISTING 2 BEDROOM MOBILE HOME

AREA REQUIRED: 400 SQUARE FEET

AREA PROPOSED: 15' X 30' = 450 SF PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

LOCUS: #4 ALISON CIRCLE, HEMLOCK HAVEN HAMPTON, NH

OWNER: RICHARD AND RUTH BLEY
83 HEMLOCK HAVEN
HAMPTON, NH 03842

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842

DATE: 9/24/04

APPROVAL: CA2004066431